

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S86	27616	(biconvex convex) near3 lens	US-PGPU B; USPAT	OR	ON	2007/04/12 16:39
S87	1696	aspheric\$3 near6 S86	US-PGPU B; USPAT	OR	ON	2007/04/12 16:40
S88	2	S87 and (369/103).ccls.	US-PGPU B; USPAT	OR	ON	2007/04/12 16:41
S89	2	(369/103).ccls. and (369/112.23).ccls.	US-PGPU B; USPAT	OR	ON	2007/04/12 16:46
S90	35	symmetric\$3 near6 S87	US-PGPU B; USPAT	OR	ON	2007/04/12 16:50
S91	105	S87 and "369".clas.	US-PGPU B; USPAT	OR	ON	2007/04/12 16:50
S92	10	("4571034"   "4657352").PN. OR ("4820029").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:07
S93	77146	radius near4 surface	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:07
S94	42	S87 near10 S93	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:10
S95	4	aspheric\$4 near4 fourier near4 lens	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:10
S96	55	("5044706"   "5703862"   "5777970"   "5808999"   "5835473"   "5838496"   "5870369"   "5883874"   "5889748"   "5933401"   "5978346").PN. OR ("6088322").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:19
S97	316	symmetric\$3 near6 S86	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:19

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S98	0	S97 and (369/103).ccls.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:19
S99	1	S97 and holograph\$5 near4 (record\$4 writ\$4 read\$4 reproduc\$4)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:21
S10 0	1	S97 and hologra\$7 near4 (record\$4 writ\$4 read\$4 reproduc\$4)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:21
S10 1	232	hologra\$7 near4 (record\$4 writ\$4 read\$4 reproduc\$4) and symmetric\$4 near4 lens	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:22
S10 2	33	S101 and "369".clas.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:22
S10 4	28	("4027952"   "4449792").PN. OR ("4571034").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:36
S10 5	21	("3508811"   "4027952"   "4449792"   "4571034").PN. OR ("4842388").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 17:59
S10 6	9	aspheric\$4 near10 (fourier near4 lens)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 18:02
S10 7	16927	aspheric\$4 near6 (surface lens)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/12 18:02
S11 0	1678	S107 near10 symmetric\$3	US-PGPU B; USPAT	OR	ON	2007/04/12 19:14
S11 1	1	S110 near10 fourier	US-PGPU B; USPAT	OR	ON	2007/04/12 18:05
S11 2	30	collimat\$5 near10 S110	US-PGPU B; USPAT	OR	ON	2007/04/12 18:13

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S11 3	20	S107 and 369/103.ccls.	US-PGPU B; USPAT	OR	ON	2007/04/12 18:36
S11 4	16508	aspheric\$4 near4 (surface lens shape)	US-PGPU B; USPAT	OR	ON	2007/04/12 19:30
S11 5	2122	S114 near10 (symmetric\$4 equal identical)	US-PGPU B; USPAT	OR	ON	2007/04/12 18:37
S11 6	127	S115 and "369".clas.	US-PGPU B; USPAT	OR	ON	2007/04/12 18:47
S11 7	5648	(symmetric\$4 equal identical mirror\$4) near4 perpendicular near4 axis	US-PGPU B; USPAT	OR	ON	2007/04/12 18:58
S11 8	8	S114 near10 S117	US-PGPU B; USPAT	OR	ON	2007/04/12 18:52
S11 9	3915	aspheric\$4 near4 (surface shape lens)	EPO; JPO	OR	ON	2007/04/12 18:52
S12 0	134	S119 near10 symmetric\$4	EPO; JPO	OR	ON	2007/04/12 19:28
S12 1	13	S120 and (objective near3 lens)	EPO; JPO	OR	ON	2007/04/12 18:53
S12 4	16	kubo-wataru\$.in.	US-PGPU B; USPAT	OR	ON	2007/04/12 18:59
S12 5	1339	lens near10 (symmetric\$4 near3 surface)	US-PGPU B; USPAT	OR	ON	2007/04/12 19:15
S12 6	426	S125 near10 aspheric\$4	US-PGPU B; USPAT	OR	ON	2007/04/12 19:15
S12 7	52	S126 and "369".clas.	US-PGPU B; USPAT	OR	ON	2007/04/12 19:15
S13 0	15378	("not" non) adj3 symmetric\$3	US-PGPU B; USPAT	OR	ON	2007/04/12 19:29
S13 1	141	S130 near10 S114	US-PGPU B; USPAT	OR	ON	2007/04/12 19:30
S13 2	6	S131 and "369".clas.	US-PGPU B; USPAT	OR	ON	2007/04/12 19:30
S13 3	324	(S114).ti.	US-PGPU B; USPAT	OR	ON	2007/04/12 19:31
S13 5	150	S133 and ("359".clas. "369". clas.)	US-PGPU B; USPAT	OR	ON	2007/04/12 19:31

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S13 6	13	("4027952").PN. OR ("4415238").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:25
S13 7	123	symmetric\$3 near4 lens near10 manufactur\$4	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:27
S13 8	2	S137 and "369".clas.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:32
S13 9	55811	identical near4 ((front near3 back) side)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:33
S14 1	4	aspheric\$4 near6 S139	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:33
S14 2	79042	(identical symmetric\$3) near4 ((front near3 back) side)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:34
S14 3	70	aspheric\$4 near6 S142	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:38
S14 4	221	(369/112.23).ccls. and aspheric\$3	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 10:39
S14 5	1	("4027952").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/04/13 10:39
S14 6	33	("2388118"   "2719235"   "3486825"   "3877792").PN. OR ("4027952").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 11:21

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S14 7	1531	fourier near3 transform near3 lens	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 11:21
S14 8	2	S147 near8 symmetric\$3	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 11:23
S14 9	82	(369/112.23).ccls. and symmetric\$3 near4 (lens surface)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 11:53
S15 0	29	(field near3 angle) near10 (focal near3 length) near10 (image near3 height)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 12:05
S15 1	5	(entrance near3 pupil near3 plane) near10 (focal near3 point)	US-PGPU B; USPAT; USOCR	OR	ON	2007/04/13 12:05